

Converting Colors

RGB(245, 241, 221)

Have a look what the booklet for
RGB(245, 241, 221) contains.

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Color

RGB(245, 241, 221)

Conversions

Conversions Part 1

Format	Color
Hex	F5F1DD
RGB	245, 241, 221
RGB Percent	96%, 95%, 87%
CMY	0.0392, 0.0549, 0.1333
CMYK	0.00, 0.02, 0.10, 0.04
HSL	50°, 55%, 91%
HSV	50°, 10%, 96%
XYZ	82.1626, 87.5435, 80.9738
YIQ	239.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

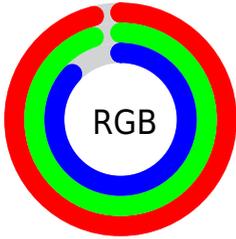
Format	Color
R _Y B	226, 245, 221
Decimal	16118237
CIE Lab	94.97, -2.01, 10.12
CIE LCh	95, 10.323, 101.231
Yxy	87.5435, 0.3278, 0.3492
Android (android.graphics.Color)	4294308317 (0xFFF5F1DD)
YUV	239.9160, -9.3256, 4.4587
Hunter-Lab	93.5647, -6.9908, 14.1839

Details

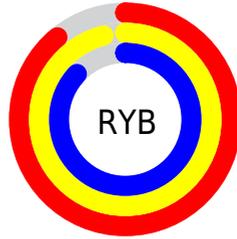
The RGB color **245, 241, 221** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **221, 225, 245**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 185, 166** is the 20% darker color. If you saturate the color by 10%, you get **245, 237, 196**, and if you desaturate by 10%, it is **245, 245, 246**.

Distribution



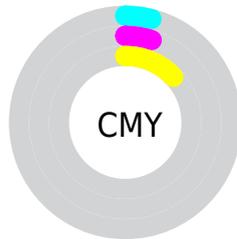
- Red (96%)
- Green (95%)
- Blue (87%)



- Red (89%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 241, 221 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 245, 241, 221 by changing the saturation by 10% instead.

 245, 241, 221

255, 255, 255

 245, 241, 221

 217, 213, 193

 189, 185, 166

 162, 158, 140

 135, 132, 114

 110, 107, 90

 85, 83, 66

 62, 60, 44

 40, 38, 23

 20, 17, 0

 245, 241, 221

 245, 241, 221

 245, 237, 196

 245, 245, 246

 245, 233, 172

 245, 249, 255

 245, 229, 147

 245, 253, 255

 245, 225, 123

 245, 255, 255

 245, 221, 98

 245, 216, 74

 245, 212, 49

 245, 208, 25

 245, 204, 0

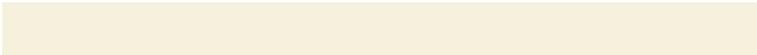
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 238, 222



245, 241, 221



233, 244, 225

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 241, 221



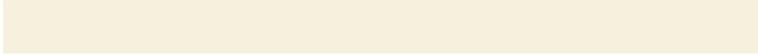
217, 246, 253



255, 235, 247

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



245, 241, 221



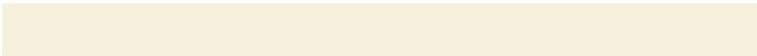
221, 225, 245

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247, 237, 255



245, 241, 221



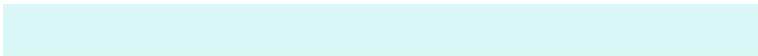
224, 243, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 241, 221



217, 247, 244



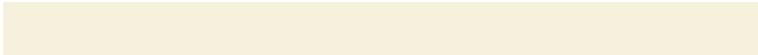
235, 240, 255



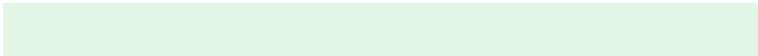
255, 234, 237

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 241, 221



226, 246, 231



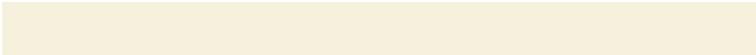
235, 240, 255



254, 235, 250

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



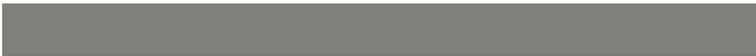
245, 241, 221



255, 254, 247



245, 221, 225



128, 127, 122



0, 0, 0



128, 128, 128

Same Dimension

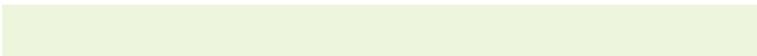
The Same Dimension uses a secret algorithm to generate beautiful new colors.



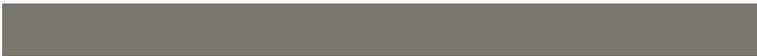
245, 241, 221



255, 250, 224



237, 245, 221



122, 120, 110



186, 155, 0



59, 49, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



221, 225, 245



224, 230, 255



229, 221, 245



110, 112, 122



0, 31, 186



0, 10, 59

Previews

White Background



This preview shows how the RGB color 245, 241, 221 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 245, 241, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

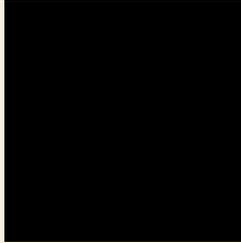
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

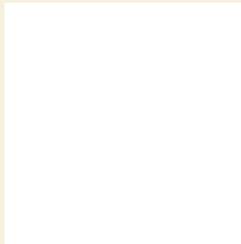
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 245, 241, 221 Background



This preview shows how black text looks on a background with the RGB color 245, 241, 221.

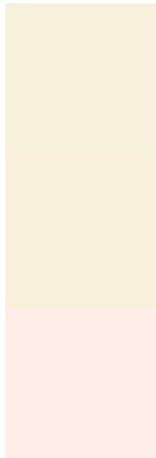


This preview shows how white text looks on a background with the RGB color 245, 241, 221.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
245, 241, 221

Protanopia
249, 240, 220

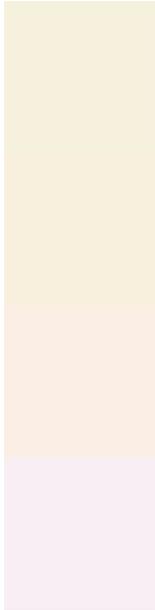
Deuteranopia
255, 237, 232



Tritanopia

250, 236, 255

Trichromacy



Original Color

245, 241, 221

Protanomaly

248, 240, 220

Deuteranomaly

251, 238, 228

Tritanomaly

248, 238, 243

Monochromacy



Original Color

245, 241, 221

Achromatopsia

240, 240, 240

Achromatomaly

242, 240, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 241, 221 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 241, 221)` looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 241, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 221) }
```

Border

The CSS property to change the border of an element to RGB 245, 241, 221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 241, 221) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(245, 241, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(245, 241, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 245, 241, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
241, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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